



Dart Hawkesbury
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200



D3016-5
Job Sheet 168455

Part No: D3016-5

Job Qty: 4 ea

Part Name: Tube



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 11/14/17

Job Tracking No:

Due Date: 11/30/17

Created By: Mario Poulin

Type: SOLD

Description:

Note: DWG REV A IPP REV:A 16.08.31 NEW PROCESS DD VERF:JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	4 Ea		11/29/17	0.00	0.00	Start Up Large Fab-1		J.C.L. 17-11-23
110	Large Fab	4 pcs		11/29/17	0.00	0.40	Cold Saw		J.C.L. 17-11-23
120	Mill Conv	4 pcs		11/30/17	0.00	2.00	Mill Conv 1		J.C.L. 17-11-23
130	QC	4 pcs		11/30/17	0.00	0.00	QC2		J.C.L. 17-11-23
140	QC	4 pcs		11/30/17	0.00	0.00	QC8		man L 17/11/23
150	Packaging	4 pcs		11/30/17	0.00	0.00	Packaging3	WAO02	sp
160	QC21-SA	4 Ea		11/30/17	0.00	0.00	QC21		

Part Op 110 - CUT TO LENGHT 14.660"
Descriptions: 120 - USE TOOLING DT10265

DAS
21
9-09

NOV 28 2017

Job Allocations

Operation	Component Part	Required	Inventory	Allocated	Std Qty
90-Start up Operation	M4130NT0.500W.049	5	101	0	0

Part Specifications

Spec No	Description	Target/Tolerance	Limits	Type	Special Comments
1	Tube	13.800Inches $\pm$ 0.030	13.830 13.770		
2	Tube	74.000Degrees $\pm$ 0.500	74.500 73.500	Angle	
3	Tube	0.380Inches $\pm$ 0.030	0.410 0.350	Radius	

DART
AEROSPACE
S012757



Tube

DART NO.

D3016 - 5

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poulin.mario

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐					
Date :		Step #:		QTY Effective :				MR	
Description Work Order Deviation				Disposition					
								Lea Ar	
								Q	
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	P				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	C				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	C				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	P				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	P				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	F				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	C				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	F				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐		Misread			
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐		Turning Sequence			
Past Expiry Date ☐	Manufacturing Process ☐								
Misidentified ☐	Past Due ☐	OTHER :							

Revision:
Operation:
Change No:

Start up Operation

Mfg Date: 11/23/17
Job No: 168455

